

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**LISTING OF CLAIMS:**

1-28 (Canceled)

29. (Previously Presented) A process for the synthesis of a polyisocyanate composition comprising acylureas, comprising the step of reacting a "starting" composition comprising derivatives having at least two isocyanate functional groups with at least two acids, one at least of which is a strong acid with a  $pK_a \leq 3$ , and another at least of which is an acid of moderate strength with  $3 \leq pK_a \leq 6$ , at a temperature at least equal to  $50^\circ\text{C}$ .

30. (Previously Presented) The process as claimed in claim 29, wherein at least one of the isocyanate derivatives is a monomer.

31. (Previously Presented) The process as claimed in claim 29, wherein the monomer derivatives represent at least  $1/3$ , optionally  $1/2$ , by weight of said starting composition.

32. (Previously Presented) The process as claimed in claim 29, wherein the monomer derivative or the monomer derivatives represent at least 90%, optionally 95%, by weight of said starting composition.

33. (Previously Presented) The process as claimed in claim 29, wherein the monomer derivative or in that at least one of the monomer derivatives is at least

partially aliphatic, that is to say that at least one, optionally all, of the isocyanate functional groups of the diisocyanate unit is/are carried by a carbon of  $sp^3$  hybridization.

34. (Previously Presented) The process as claimed in claim 29, wherein said polyisocyanate composition comprises derivatives having a biuret functional group and wherein said starting composition is further reacted with an amine or an amine-generating reactant, optionally water in the form of a fluid.

35. (Previously Presented) The process as claimed in claim 34, wherein the molar ratio of the amine generated or added to the sum of the monomers, expressed in moles, extending from 1/2 to 1/50, optionally from 1/3 to 1/25.

36. (Previously Presented) The process as claimed in claim 34, wherein said starting composition is brought into contact with water in the presence of said moderate and strong acid(s), optionally added beforehand.

37. (Previously Presented) The process as claimed in claim 29, wherein the strong acid is an aliphatic sulfonic acid, an aromatic sulfonic acid, an aliphatic phosphonic, or an aromatic phosphonic including carboxylic-phosphonic, ester phosphoric or perhaloalkanoic acids.

38. (Previously Presented) The process as claimed in claim 29, wherein the moderate acids are aliphatic or aromatic carboxylic acids.

39. (Previously Presented) The process as claimed in claim 29, wherein the moderate acid(s) is (are) at least partially added to the reaction medium in the

form of a precursor.

40. (Previously Presented) The process as claimed in claim 29, wherein the strong acid(s) is (are) at least partially introduced into the reaction medium in the form of a precursor.

41. (Previously Presented) The process as claimed in claim 29, wherein at least one of the moderate acids differs from at least one strong acid by at least one pK unit, optionally 2 pK units.

42. (Currently Amended) The process as claimed in claim 29, having a content of strong acid(s) is chosen so that the molar ratio of the sum of the strong acid functional groups, expressed as equivalents, to the sum of the monomers, expressed as moles, of at least equal to 0.1  $[\text{0/00}]$  %, optionally to 1  $[\text{0/00}]$  %.

43. (Previously Presented) The process as claimed in claim 29, having a content of strong acid(s) is chosen so that the molar ratio of the sum of the strong acid functional groups, expressed as equivalents, to the sum of the monomers, expressed as moles, of at most equal to 2%, optionally to 1%.

44. (Currently Amended) The process as claimed in claim 29, having a content of moderate acid(s) is chosen so that the molar ratio of the sum of the moderate acid functional groups, expressed as equivalents, to the sum of the monomers, expressed as moles, of at least equal to 2  $[\text{0/00}]$  % optionally to 1%.

45. (Previously Presented) The process as claimed in claim 44, having a content of moderate acid(s) chosen so that the molar ratio of the sum of the moderate acid

functional groups, expressed as equivalents, to the sum of the monomers, expressed as moles, of at most equal to 10%, optionally to 5%.

46. (Previously Presented) The process as claimed in claim 29, wherein said strong acid is added in a dilute form, optionally a form diluted with 1 to 20 times, its weight of diluent.

47. (Previously Presented) The process as claimed in claim 46, wherein said diluent is water or a C<sub>1</sub> to C<sub>14</sub> alcohol, optionally a C<sub>3</sub> to C<sub>10</sub> alcohol.

48. (Previously Presented) The process as claimed in claim 46, wherein said strong acid is diluted in said moderate acid.

49. (Currently Amended) An isocyanate composition comprising at least 1% (by weight), optionally preferably at least 2%, of acylureas ~~[[of]]~~ having at most 5 diamino units.

50. (Previously Presented) The composition as claimed in claim 49, comprising at least 1% of monoacylurea.

51. (Previously Presented) The composition as claimed in claim 49, comprising at least 2% of diacylurea corresponding to at least one bifunctional acid.

52. (Currently Amended) The composition as claimed in claim 49, comprising, by weight, at least 10%, optionally preferably 25%, of true biuret.

53. (Currently Amended) The composition as claimed in claim 49, comprising, by weight, at most 4/5, optionally preferably at most 1/2, of true biuret.

54. (Currently Amended) The composition as claimed in claim 49, further comprising oligomers having at least six diamino units, said composition having a ratio by weight of the monoacylureas (~~numerator~~) to the oligomers ~~[[of]]~~ having at least six diamino units, of at least equal to 2%, optionally preferably to 7%.

55. (Currently Amended) The composition as claimed in claim 49, having a ratio by weight of the monoacylureas (~~numerator~~) to the oligomers ~~[[of]]~~ having at least six diamino units, of at most equal to 50%, optionally preferably to 20%.